

Table 6: RT

MAB ID	HXB2 Location	Author's Location	Sequence	Neutralizing	Immunogen	Species(Isotype)
150 1E8	RT(65–73)	RT(65–73)	KKDSTKWRK	no	nitrocellulose bound rec p51/p66 RT	murine(IgG ₁)
References: [Wu (1993), Gu (1996)] <ul style="list-style-type: none"> • 1E8: Inhibits RT activity, binding site overlaps with two AZT resistance mutations –Wu93 • 1E8: Significantly inhibits DNA polymerase activity of RT by hindering binding of dNTPs – additive or synergistic RT inhibition with nevirapine and delavirdine –Gu96 						
151 1.152 B3	RT(294–302)	RT(294–302)	PLTEEAELE	no	Purified cloned RT	murine(IgG ₁)
References: [Orvell (1991)] <ul style="list-style-type: none"> • 1.152 B3: Weakly positive by immunofluorescence – binding inhibits RT enzymatic activity –Orvell91 						
152 1.158 E2	RT(294–302)	RT(294–302)	PLTEEAELE	no	Purified cloned RT	murine(IgG ₁)
References: [Orvell (1991)] <ul style="list-style-type: none"> • 1.158 E2: Negative by immunofluorescence – binding inhibits RT enzymatic activity –Orvell91 						
153 31D6	RT(294–318)	RT(294–319)	PLTEEAELELAENREIL- KEPVHGVY	no	<i>E. coli</i> TrpE RT fusion protein	murine(IgG ₁)
References: [Szilvay (1992)] <ul style="list-style-type: none"> • 31D6: Strong inhibitor of RT, > 50% inhibition –Szilvay92 						
154 31G8	RT(294–318)	RT(294–319)	PLTEEAELELAENREIL- KEPVHGVY	no	<i>E. coli</i> Trp RT fu- sion protein	murine(IgG ₁)
References: [Szilvay (1992)] <ul style="list-style-type: none"> • 31G8: Weak inhibitor of RT, reactive by immunofluorescence –Szilvay92 						
155 32E7	RT(294–318)	RT(294–319)	PLTEEAELELAENREIL- KEPVHGVY	no	<i>E. coli</i> Trp RT fu- sion protein	murine(IgG ₁)
References: [Szilvay (1992)] <ul style="list-style-type: none"> • 32E7: Weak inhibitor of RT, reactive by immunofluorescence –Szilvay92 						
156 33D5	RT(294–318)	RT(294–319)	PLTEEAELELAENREIL- KEPVHGVY	no	<i>E. coli</i> Trp RT fu- sion protein	murine(IgG ₁)
References: [Szilvay (1992)] <ul style="list-style-type: none"> • 33D5: Weak inhibitor of RT, reactive by immunofluorescence –Szilvay92 						

HIV Monoclonal Antibodies

MAb ID	HXB2 Location	Author's Location	Sequence	Neutralizing	Immunogen	Species(Isotype)
157 5B2	RT(294–318)	RT(294–319)	PLTEEALELELAENREIL-KEPVHGVY	no	<i>E. coli</i> Trp RT fusion protein	murine(IgG ₁)
References: [Szilvay (1992)] <ul style="list-style-type: none"> • 5B2: Weak inhibitor of RT, reactive by immunofluorescence –Szilvay92 • 5B2: UK Medical Research Council AIDS reagent: ARP3018 						
158 polyclonal	RT(295–304)	RT(295–304 PV22)	LTEEALELELA	no	HIV-1 infection	human(IgG)
References: [Grimison & Laurence(1995)]						
159 1.153 G10	RT(350–354)	RT(350–354)	KTGKY	no	Purified cloned RT	murine(IgG ₁)
References: [Orvell (1991)]						
160 RTMAb8	RT(376–383)	RT(532–539)	TTESIVIW	no	rec RT	murine(IgG)
References: [Tisdale (1988), Ferns (1991)] <ul style="list-style-type: none"> • RTMAb8: Estimate of amino acids in binding region based on numbering of HXB2 –Ferns91 						
161 RT6H	RT(384–387)	RT(540–543)	GKIP	no	rec RT	murine(IgG)
References: [Ferns (1991)] <ul style="list-style-type: none"> • RT6H: Estimate of amino acids in binding region based on numbering of HXB2 –Ferns91 						
162 1D4A3	RT(384–387)	RT(540–543)	GKIP	no	rec RT	murine(IgG)
References: [Ferns (1991)] <ul style="list-style-type: none"> • 1D4A3: Estimate of amino acids in binding regions based on numbering of HXB2 –Ferns91 						
163 1.160 B3	RT(442–450)	RT(442–450)	VDGAANRET	no	Purified cloned RT	murine(IgG ₁)
References: [Orvell (1991)]						
164 polyclonal	RT(521–531)	RT(521–531 PV22)	IIEQLIKKEKV	no	HIV-1 infection	human(IgG)
References: [Grimison & Laurence(1995)]						
165 C2003	RT(536–549)	RT(703–716 BH10)	VPAHKGIGGNEQVD	no	Peptide	rabbit(IgG)
References: [DeVico (1991)] <ul style="list-style-type: none"> • C2003: Inhibits polymerase activity from a variety of retroviruses – RT protected from inhibition by preincubation with template primer –DeVico91 						

B Cell